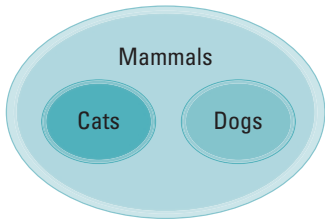
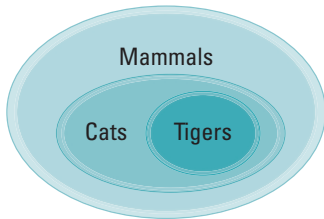


Figure 4.9b

Venn Diagram of Invalid and Valid Arguments



Cats are mammals.
Dogs are mammals.
Therefore, dogs are cats.



Cats are mammals.
Tigers are cats.
Therefore, tigers are mammals.